MEMO

To: Michael Torres, Remedial Project Manager, United States Environmental Protection Agency

From: Scott Lindenmuth, Technical Coordinator, SBA Shipyard PRP Group

CC: Beth Hesse, Project Coordinator, SBA Shipyard PRP Group
Tommy Doran, Louisiana Department of Environmental Quality
I-Jung Chiang, United States Environmental Protection Agency
Blake Atkins, United States Environmental Protection Agency

Date: March 14, 2019

Re: Bi-Monthly Progress Report #3; January - February 2019
Remedial Investigation/Feasibility Study
SBA Shipyard Superfund Site, Jennings, Jefferson Parish, Louisiana
EPA ID: LAD008434185

EHS Support LLC ("EHS Support"), on behalf of the SBA Shipyard Potentially Responsible Party (PRP) Group (PRP Group), is providing this Bi-Monthly Progress Report associated with Remedial Investigation and Feasibility Study activities being conducted at the SBA Shipyard Superfund Site located in Jennings, Jefferson Davis Parish, Louisiana (Site). This progress report is being provided in accordance with the Administrative Settlement Agreement and Order on Consent for Remedial Investigation/Feasibility Study (Settlement Agreement) between the United States Environmental Protection Agency (USEPA) and PRP Group Respondents dated October 25, 2016; amended March 7, 2018.

Description of Actions Taken to Comply with Settlement Agreement

Project Work Performed in January and February 2019

Actions taken during January and February 2019 to comply with the Settlement Agreement consisted of implementing activities described in the Remedial Investigation (RI)/Feasibility Study (FS) Work Plan, dated May 17, 2018 (Work Plan) and approved by USEPA on July 19, 2018, document submittal, and other administrative tasks.

100014259

Field Work

The second quarterly groundwater monitoring event was completed on February 5 and 6, 2019.

Groundwater data collected during the February sampling event are being evaluated for quality control/quality assurance (QA/QC) protocols and undergoing data validation in accordance with the Quality Assurance Project Plan (QAPP).

Document Submittal

EHS Support, on behalf of the PRP Group, submitted the Preliminary Site Characterization and Data Gap Assessment Technical Report (Tech Report) to USEPA and the Louisiana Department of Environmental Quality (LDEQ) on February 8, 2019. The Tech Report included the following key components for each environmental medium (soil, groundwater, sediment, and surface water):

- Summary of RI data collected to-date.
- Preliminary discussion of the nature and extent of constituents of potential concern (COPCs) in each environmental medium.
- Comparison of sample concentrations against site-specific human health and ecological screening criteria established in the Work Plan.
- Evaluation of the data in the context of the current site understanding described in the preliminary conceptual site model.
- Determination of whether the existing dataset is likely sufficient to answer the RI study questions provided in the Work Plan.
- Recommendations for additional data collection needed to answer the study questions, if necessary.

Project Management, Communication and Reports

In light of the government shutdown from December 22, 2018 to January 25, 2019, and to ensure ample review time for PRP Group members, EHS Support, on behalf of the PRP Group, submitted a letter to USEPA dated January 22, 2019, which requested a short extension for delivery of the Tech Report. USEPA provided approval for the submittal date of the Tech Report to be extended from January 25, 2019 to February 8, 2019 via letter dated February 7, 2019. As noted above, the Tech Report was submitted to USEPA and LDEQ on February 8, 2019.

Results of Sampling and Tests

As noted above, the groundwater sample results from the February 2019 sampling event are currently undergoing QA/QC and data validation procedures in accordance with the QAPP. A preliminary summary of the groundwater sample results from February 2019 is provided as **Attachment 1**. Sample concentrations were generally similar to the results from the first quarterly sampling event completed in October-November 2018. The next groundwater sampling event (third of four planned events) is planned for early-May 2019.

Description of Work Planned for Next Two Months

EHS Support personnel will be onsite in March to complete aqueous baildown tests at groundwater monitoring wells to derive site-specific hydraulic conductivity values. Monitoring wells will be purged to dryness using a submersible pump. The transducers currently deployed in the wells will be used to monitor groundwater recharge into the monitoring well. The recharge rate will be utilized to calculate a hydraulic conductivity value at each monitoring well location.

Problems Encountered/Anticipated Delays

Monitoring well MW-7 was not sampled during the February quarterly sampling event. A thin sheen (<0.01 feet) of light non-aqueous phase liquid (LNAPL) was detected in the well upon arrival. In accordance with the Work Plan, a sample was not collected due to the detection of LNAPL in the well. The well will continue to be monitored during future events to determine if LNAPL is present.

Please call Scott Lindenmuth at (312) 882-3705 or Beth Hesse at (828) 551-9067 if you have any questions regarding this progress report.

Attachment 1

Table 1
Groundwater Analytical Results
SBA Shipyard PRP Site
Jennings, Jefferson Davis Parish, Louisiana

Chemical	SBA Shipyard Site-Specific Human Health Groundwater Screening Level (µg/l)	SBA Shipyard MW-01 IAC-3-MW-1 µg/l 2/5/2019	SBA Shipyard MW-03 IAC-3-MW-3 µg/l 2/6/2019	SBA Shipyard MW-04 IAC-3-MW-4 µg/l 2/5/2019	SBA Shipyard MW-05 IAC-3-MW-5 µg/l 2/6/2019	SBA Shipyard MW-06 IAC-3-MW-6 µg/l 2/5/2019	SBA Shipyard MW-08 IAC-3-MW-8 µg/l 2/6/2019	SBA Shipyard MW-10 IAC-4-MW-10 µg/l 2/6/2019	SBA Shipyard MW-11 IAC-4-MW-11 µg/l 2/5/2019	SBA Shipyard MW-12 IAC-4-MW-12 µg/l 2/5/2019	SBA Shipyard MW-09 IAC-5-MW-9 µg/l 2/6/2019	SBA Shipyard MW-13 IAI-4-MW-13 µg/l 2/6/2019	SBA Shipyard MW-14 IAI-5-MW-14 µg/l 2/6/2019	SBA Shipyard MW-15 IAI-5-MW-15 µg/l 2/6/2019
GENERAL CHEMISTRY														
Total Organic Carbon	--	850 J	8900	1500	2600	2200	6600	59500	95700	163000	117000	2200	194000	102000
Total Dissolved Solids (Residue, Filterable)	--	1.56E+06	1.50E+06	984000	1.21E+06	912000	944000	882000	820000	665000	777000	1.20E+06	962000	1.71E+06
METALS														
Aluminum	2000 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	300 U	300 U	300 U	300 U	717	212 J	1870	300 U	384	736	300 U	1160	300 U
Antimony	0.78 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	0.052 c*; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	50 U	39.3 J	50 U	50 U	50 U	31.9 J	50 U	50 U	50 U	50 U	50 U	50 U	22.9 J
Barium	380 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	616	578	679	913	146	685	160	1010	254	349	915	715	659
Beryllium	2.5 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	0.92 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium	--	112000	142000	107000	113000	22700	123000	37400	77000	13000	82600	87700	38200	93000
Chromium, Total	--	15 U	15 U	15 U	15 U	15 U	15 U	9 J	15 U	11.4 J	12.1 J	15 U	11.4 J	15 U
Cobalt	0.6 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	5 U	5 U	5 U	1.7 J	2.1 J	5 U	43.2	7.7	18.2	15.3	3 J	19.5	24
Copper	80 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	20 U	20 U	20 U	20 U	20 U	20 U	9.6 J	20 U	20 U	20 U	20 U	20 U	20 U
Iron	1400 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	61.1 J	2920	768	61 J	505	3400	19500	43400	54900	39400	1840	64100	30100
Lead	15 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	15 U	16.6	15 U	15 U	15 U	15 U	15 U	75 U	75 U	75 U	15 U	75 U	15 U
Magnesium	--	56500	82600	41300	72800	15300	52900	20100	41600	11000	10300	33300	27800	74800
Manganese	43 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	34.8	3310	181	697	267	632	2670	3430	915	1630	445	2620	2040
Mercury	0.063 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	39 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	10 U	10 U	10 U	10 U	10 U	10 U	27.5	10 U	29.4	9.7 J	10 U	14.9	12.2
Potassium	--	1980	3110	2250	1740	818	4050	1540	6240	874	1130	914	2900	890
Selenium	10 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Silver	9.4 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	--	393000	356000	228000	257000	305000	183000	137000	142000	79900	94700	433000	124000	483000
Thallium	0.02 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	30 U	30 U	30 U	30 U	30 U	30 U	30 U	30 U	30 U	30 U	30 U	30 U	30 U
Vanadium	8.6 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	10 U	10 U	10 U	10 U	10 U	10 U	5.2 J	15.7	26.6	20.2	10 U	31.7	3.3 J
Zinc	600 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	20 U	27.2	3.4 J	20 U	3.4 J	3.3 J	108	5.5 J	42.2	15.2 J	4.2 J	9.6 J	10.2 J
SEMIVOLATILE ORGANIC COMPOUNDS-SIM														
Acenaphthene	53 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	42	0.05 U	15	0.01 J	0.05 U	0.05 U	0.4	0.05 U
Acenaphthylene	100 Q; LDEQ RECAP 2003 GWSS	0.01 J	0.03 J	0.05 U	0.04 J	0.01 J	0.7	0.05 U	0.7	0.05 U	0.05 U	0.05 U	0.09	0.05 U
Anthracene	180 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	0.03 J	0.5	0.04 J	0.4	0.6	4	0.05	13	0.2	0.03 J	0.1	0.7	0.1
Benzo(A)Anthracene	0.03 c; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	0.01 J	0.01 J	0.05 U	0.02 J	0.01 J	0.6	0.05 U	0.3 J	0.05 U	0.05 U	0.02 J	0.07	0.01 J
Benzo(A)Pyrene	0.025 c*; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	0.02 J	0.05 U	0.05 U	0.05 U	0.05 U	0.2	0.05 U	0.2 J	0.05 U	0.05 U	0.05 U	0.08	0.05 U
Benzo(B)Fluoranthene	0.25 c; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	0.03 J	0.05 U	0.05 U	0.05 U	0.05 U	0.2	0.02 J	0.2 J	0.05 U	0.05 U	0.05 U	0.1	0.05 U
Benzo(G,H,I)Perylene	--	0.03 J	0.05 U	0.05 U	0.05 U	0.05 U	0.06	0.05 U	0.1 J	0.05 U	0.05 U	0.05 U	0.05 J	0.05 U
Benzo(K)Fluoranthene	2.5 c; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.09	0.05 U	0.5 U	0.05 U	0.05 U	0.05 U	0.04 J	0.05 U
Chrysene	25 c; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	0.02 J	0.05 U	0.05 U	0.05 U	0.05 U	0.5	0.03 J	0.5 J	0.01 J	0.05 U	0.03 J	0.09	0.03 J
Dibenz(A,H)Anthracene	0.025 c; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.7 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Fluoranthene	80 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	0.02 J	0.01 J	0.05 U	0.02 J	0.02 J	9	0.06	3	0.04 J	0.03 J	0.5	0.3	0.2
Fluorene	29 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	0.05 U	0.05 U	0.05 U	0.02 J	0.05 U	23	0.02 J	11	0.02 J	0.01 J	0.05 U	0.8	0.03 J
Indeno(1,2,3-C,D)Pyrene	0.25 c; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	0.03 J	0.05 U	0.05 U	0.05 U	0.05 U	0.07	0.05 U	0.2 J	0.05 U	0.05 U	0.05 U	0.04 J	0.05 U
Naphthalene	0.17 c**; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.5	0.07 U	7	0.07 U	0.07 U	0.2	1	0.07 U
Phenanthrene	180 N; LDEQ RECAP 2003 GWSS	0.07 U	0.07 U	0.07 U	0.08	0.07 U	6	0.07 U	11	0.07 U	0.07 U	0.1	1	0.05 J
Pyrene	12 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	0.03 J	0.02 J	0.05 U	0.01 J	0.02 J	5	0.05 J	2	0.02 J	0.01 J	0.2	0.2	0.1
VOLATILE ORGANIC COMPOUNDS														
1,1,1-Trichloroethane	800 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
1,1,2,2-Tetrachloroethane	0.076 c; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	1000 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	10 U	10 U	10 U	10 U	10 U	10 U	200 U	500 U	500 U	500 U	10 U	500 U	500 U
1,1,2-Trichloroethane	0.041 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
1,1-Dichloroethane	2.8 c; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
1,1-Dichloroethene	28 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
1,2,3-Trichlorobenzene	0.7 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	5 U	5 U	5 U	5 U	5 U	5 U	100 U	250 U	250 U	250 U	5 U	250 U	250 U
1,2,4-Trichlorobenzene	0.4 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	5 U	5 U	5 U	5 U	5 U	5 U	100 U	250 U	250 U	250 U	5 U	250 U	250 U
1,2-Dibromo-3-Chloropropane	0.00033 c; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	5 U	5 U	5 U	5 U	5 U	5 U	100 U	250 U	250 U	250 U	5 U	250 U	250 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0075 c; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U

Table 1
Groundwater Analytical Results
SBA Shipyard PRP Site
Jennings, Jefferson Davis Parish, Louisiana

Chemical	SBA Shipyard Site-Specific Human Health Groundwater Screening Level (µg/l)	SBA Shipyard MW-01 IAC-3-MW-1 µg/l 2/5/2019	SBA Shipyard MW-03 IAC-3-MW-3 µg/l 2/6/2019	SBA Shipyard MW-04 IAC-3-MW-4 µg/l 2/5/2019	SBA Shipyard MW-05 IAC-3-MW-5 µg/l 2/6/2019	SBA Shipyard MW-06 IAC-3-MW-6 µg/l 2/5/2019	SBA Shipyard MW-08 IAC-3-MW-8 µg/l 2/6/2019	SBA Shipyard MW-10 IAC-4-MW-10 µg/l 2/6/2019	SBA Shipyard MW-11 IAC-4-MW-11 µg/l 2/5/2019	SBA Shipyard MW-12 IAC-4-MW-12 µg/l 2/5/2019	SBA Shipyard MW-09 IAC-5-MW-9 µg/l 2/6/2019	SBA Shipyard MW-13 IAI-4-MW-13 µg/l 2/6/2019	SBA Shipyard MW-14 IAI-5-MW-14 µg/l 2/6/2019	SBA Shipyard MW-15 IAI-5-MW-15 µg/l 2/6/2019
1,2-Dichlorobenzene	30 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	5 U	5 U	5 U	5 U	5 U	5 J	100 U	250 U	250 U	250 U	5 U	250 U	250 U
1,2-Dichloroethane	0.17 c**; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	0.4 J	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
1,2-Dichloropropane	0.82 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
1,3-Dichlorobenzene	10 Q; LDEQ RECAP 2003 GWSS	5 U	5 U	5 U	5 U	5 U	0.5 J	100 U	250 U	250 U	250 U	5 U	250 U	250 U
1,4-Dichlorobenzene	0.48 c; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	5 U	5 U	5 U	5 U	5 U	2 J	100 U	250 U	250 U	250 U	5 U	250 U	250 U
2-Hexanone	3.8 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	10 U	10 U	10 U	10 U	10 U	10 U	200 U	500 U	500 U	500 U	10 U	500 U	500 U
Acetone	1400 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	20 U	20 U	20 U	20 U	20 U	2 J	400 U	1000 U	1000 U	1000 U	20 U	1000 U	1000 U
Benzene	0.46 c**; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	5	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Bromochloromethane	8.3 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	5 U	5 U	5 U	5 U	5 U	5 U	100 U	250 U	250 U	250 U	5 U	250 U	250 U
Bromodichloromethane	0.13 c; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Bromoform	3.3 c*; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	4 U	4 U	4 U	4 U	4 U	4 U	80 U	200 U	200 U	200 U	4 U	200 U	200 U
Bromomethane	0.75 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Carbon Disulfide	81 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	5 U	5 U	5 U	5 U	5 U	0.3 J	100 U	250 U	250 U	250 U	5 U	250 U	250 U
Carbon Tetrachloride	0.46 c*; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Chlorobenzene	7.8 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	45	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Chloroethane	2100 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	13 J	50 U	1 U	50 U	50 U
Chloroform	0.22 c*; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Chloromethane	19 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Cis-1,2-Dichloroethylene	3.6 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	3	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Cis-1,3-Dichloropropene	--	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Cyclohexane	1300 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	5 U	5 U	5 U	5 U	5 U	6	100 U	250 U	250 U	250 U	5 U	250 U	250 U
Dibromochloromethane	0.87 c*; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Dichlorodifluoromethane	20 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Ethylbenzene	1.5 c*; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	23	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Isopropylbenzene (Cumene)	45 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	5 U	5 U	5 U	5 U	5 U	2 J	100 U	250 U	250 U	250 U	5 U	250 U	250 U
M,P-Xylene	--	5 U	5 U	5 U	5 U	5 U	9	100 U	250 U	250 U	250 U	5 U	250 U	250 U
Methyl Acetate	2000 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	5 U	5 U	5 U	5 U	5 U	5 U	100 U	250 U	250 U	250 U	5 U	250 U	250 U
Methyl Ethyl Ketone (2-Butanone)	560 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	10 U	10 U	10 U	10 U	10 U	10 U	200 U	500 U	500 U	500 U	10 U	500 U	500 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	630 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	10 U	10 U	10 U	10 U	10 U	10 U	200 U	500 U	500 U	500 U	10 U	500 U	500 U
Methylcyclohexane	--	5 U	5 U	5 U	5 U	5 U	4 J	100 U	250 U	250 U	250 U	5 U	250 U	250 U
Methylene Chloride	11 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
O-Xylene (1,2-Dimethylbenzene)	19 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	3	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Styrene	120 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	5 U	5 U	5 U	5 U	5 U	5 U	100 U	250 U	250 U	250 U	5 U	250 U	250 U
Tert-Butyl Methyl Ether	14 c*; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	14	1 U	18	1 U	1	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Tetrachloroethylene (PCE)	4.1 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Toluene	110 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	0.4 J	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Trans-1,2-Dichloroethene	36 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	0.4 J	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Trans-1,3-Dichloropropene	--	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Trichloroethylene (TCE)	0.28 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Trichlorofluoromethane	520 n; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U
Vinyl Chloride	0.019 c; USEPA RSLs (THQ=0.1) for Tapwater Nov. 2018	1 U	1 U	1 U	1 U	1 U	1 U	20 U	50 U	50 U	50 U	1 U	50 U	50 U

SBA Shipyard Site-Specific Human Health Groundwater Screening Level (µg/l)	2.3

Notes:
U = Analyte not detected at or above the stated laboratory reportable detection limit
µg/l = microgram per liter
Shaded values indicate detections at or above the reportable detection limit
-- = no indicated screening level

Data Qualifiers:
J = the analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample (qualified because certain quality control criteria were not met, or the concentration is below the reportable detection limit set by the laboratory).